

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.



See instructions for form 1449/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Sheet

1

of 7

Complete if Known

Application Number	09/890,335
Filing Date	07/26/2001
First Named Inventor	Cevc
Art Unit	1645
Examiner Name	B.J. Gangle
Attorney Docket Number	

U. S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
UA	US- 2004/0071767	04-15-2004	Cevc		
UB	US- 2007/0042030	02-22-2007	Cevc		
UC	US- 2007/0184114	08-09-2007	Cevc		
UD	US- 2007/0243203	10-18-2007	Abrecht		
UE	US- 2008/0095722	04-24-2008	Cevc		
UF	US- 2008/0279815	11-13-2008	Cevc		
UG	US- 2008/0311184	12-18-2008	Cevc		
UH	US- 2009/0042989	02-12-2009	Cevc		
UI	US- 2009/0060989	03-05-2009	Cevc		
UJ	US- 2009/0060990	03-05-2009	Cevc		
UK	US- 2009/0155235	06-18-2009	Cevc		
UL	US- 4,185,100	01-22-1980	Rovee		
UM	US- 4,369,182	01-18-1983	Ghyczy		
UN	US- 4,666,747	05-19-1987	Quinn		
UO	US- 4,731,210	03-15-1988	Weder		
UP	US- 4,897,269	01-30-1990	Mezel		
UQ	US- 4,911,928	03-27-1990	Wallach		
UR	US- 4,921,706	05-01-1990	Roberts		
US	US- 4,937,254	06-26-1990	Sheffield		

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T ⁴
		Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)				
UT	EP 0 102 324 (Abstract)		11-07-1984	Hauser		✓
UU	EP 0 220 797		05-06-1987	Matumoto		
UV	EP 0 298 280		01-11-1989	Hapgood		
UW	EP 0 707 847 abstract only		10-09-1995	Bayer		✓
UX	EP 0 704 206 abstract only		09-28-1995	Regenold		✓
UY	EP 1 031 346		08-30-2000	Cevc		

Examiner Signature

Date Considered

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹Applicant's unique citation designation number (optional). ²See Kind Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST.14). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /BG/

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Complete if Known

Application Number	09/890,335
Filing Date	07/26/2001
First Named Inventor	Cevc
Art Unit	1645
Examiner Name	B.J. Gangle

Sheet

2

of

7

Attorney Docket Number

U. S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
UZ	US- 4,938,970		07-03-1990	Hustead	
UA1	US- 4,944,948		07-31-1990	Uster	
UA2	US- 5,043,165		08-27-1991	Radhakrishnan	
UA3	US- 5,104,661		04-14-1992	Lau	
UA4	US- 5,209,720		05-11-1993	Unger	
UA5	US- 5,322,685		06-21-1994	Nakagawa	
UA6	US- 5,498,420		03-12-1996	Edgar	
UA7	US- 5,585,109		12-17-1996	Hayward	
UA8	US- 5,763,422		06-09-1998	Lichtenberger	
UA9	US- 5,837,289		11-17-1998	Grasela	
UB1	US- 5,891,472		04-06-1999	Russell	
UB2	US- 6,028,066		02-22-2000	Unger	
UB3	US- 6,083,996		07-04-2000	Buyuktikmin	
UB4	US- 6,200,598		03-13-2001	Needham	
UB5	US- 6,248,353		06-19-2001	Singh	
UB6	US- 6,248,329		06-19-2001	Chandrashekhar	
UB7	US- 6,517,864		02-11-2003	Jacobsen	
UB8	US- 6,577,880		06-10-2003	Ishida	
UB9	US- 6,726,925		04-27-2004	Needham	

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T ⁶
		Country Code ² -Number ⁴ -Kind Code ⁵ (if known)				
UC1	CA 2 052 164		09-26-1992	Tsuchiya		
UC2	DE 40 20 034-9			Cevc		
UC3	WO 00 38653		07-06-2000	Cevc		

Examiner Signature

Date Considered

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹Applicant's unique citation designation number (optional). ²See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 601.04. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /BG/

U.S. Patent and Trademark Office, U.S. DEPARTMENT OF COMMERCE

Substitute for form 1449/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Complete if Known

Application Number	09/890,335
Filing Date	07/26/2001
First Named Inventor	Cevc
Art Unit	1645
Examiner Name	B.J. Gangle

Sh

200

of 7

Attorney Docket Number

U. S. PATENT DOCUMENTS

FOREIGN PATENT DOCUMENTS

Examiner Signature _____ **Date Considered** _____

⁸EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 509. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ⁹Applicant's unique citation designation number (optional). ¹⁰See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ¹¹Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ¹²For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ¹³Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ¹⁴Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments or the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commls@uspto.gov; Patents_P.O.Box_1450_Alexandria_VA_22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH /BG/

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Complete if Known

Substitute for form 1449/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Sheet

4

of

7

Application Number	09/890,335
Filing Date	07/26/2001
First Named Inventor	Cevc
Art Unit	1645
Examiner Name	B.J. Gangle

Attorney Docket Number

NON PATENT LITERATURE DOCUMENTS		
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.
	VA	Office Actions and Interview Summary issued Dec 11 & Apr 3, 2008, Oct 10 & Jan 29, 2007, Jul 26 & May 19, 2006 in US App. 09/890,371, currently pending, Examiner Hissong
	VB	Claims pending on December 11, 2008 and currently pending claims in US Appln. No. 09/890,371
	VC	Office Actions and Notices of Allowability issued on Jan 3, 2006, Mar 2, 2005, Jul 2, 2001 in US App. 09/621,574, abandoned, Examiner Kishore
	VD	Claims pending on January 3, 2006 in US App. 09/621,574
	VE	Office Actions and Notices of Allowability issued on May 25, 1999, June 24, 1998 and December 19, 1997 in US App. 07/844,664, granted as US Pat. 6,165,500, Examiner Kishore
	VF	Bibliographic page and claims granted in US Pat. 6,165,500
	VG	Office Action issued on March 27, 2007 in US App. 11/481,804, abandoned, Examiner Kishore
	VH	Claims pending on March 27, 2007 in US App. 11/481,804
	VI	Office Actions issued Aug 10, 2006; Dec 21 & Apr 1, 2005; Mar 23, 2004; May 20 & Jan 9 (Advisory), 2003; Jun 24, 2002; Sep 25, 2001 in US 09/555,986, abandoned, Examiner Kishore
	VJ	Claims pending on August 10, 2006 in US App. 09/555,986

Examiner Signature	Date Considered	
--------------------	-----------------	--

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

1 Applicant's unique citation designation number (optional). 2 Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /BG/

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Complete if Known

Substitute for form 1449/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet

5

of

7

Application Number	09/890,335
Filing Date	07/26/2001
First Named Inventor	Cevc
Art Unit	1645
Examiner Name	B.J. Gangle

Attorney Docket Number

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
	VK	Office Actions issued 11/25/08, 4/2/08, 11/29/07, 8/17/07, 3/12/07, 7/10/06 in US App. 09/284,683, currently pending, Examiner Kishore	
	VL	Office Actions issued 11/4/05, 4/15/05, 6/24/04, 3/18/04 (Advisory) in US App. 09/284,683, currently pending, Examiner Kishore	
	VM	Office Actions issued 10/7/03, 6/18/03 (Advisory), 1/3/03, 4/10/02, 7/6/01 (Advisory), 4/20/01, 8/22/00 in US App. 09/284,683, currently pending, Examiner Kishore	
	VN	Claims pending on November 25, 2008 in US Appln. No. 09/284,683	
	VO	Office Actions issued December 30 and November 28, 2008 in US App. 11/667,325, currently pending, Examiner Lea	
	VP	Claims pending on December 30, 2008 in US Appln. No. 11/667,325	
	VQ	Office Actions issued on May 26, 2009; Oct 28 & Mar 19, 2008; Aug 2, 2007; and Dec 28, 2006 in US App. 10/357,618, currently pending, Examiner Ghali	
	VR	Claims pending on May 26, 2009 in US Appln. No. 10/357,618	
	VS	Office Actions & Notices of Allowability issued Oct 16, 2008, Sep 21 & Jan 19, 2007, & May 30, 2006 in US App. 10/357,617, granted as US Patent No. 7,473,432, Examiner Gollamundi	
	VT	Bibliographic page and granted claims of US Patent No. 7,473,432	

Examiner Signature	Date Considered
--------------------	-----------------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹Applicant's unique citation designation number (optional). ²Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-768-9199) and select option 2.

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /BG/

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Sheet	6	of	7	Attorney Docket Number	
-------	---	----	---	------------------------	--

Complete if Known

Application Number	09/890,335
Filing Date	07/26/2001
First Named Inventor	Cevc
Art Unit	1645
Examiner Name	B.J. Gangle

NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
	VU	Office Actions and Notice of Allowance issued on May 29, 2009, May 16, 2007, August 28, 2006 and February 7, 2006 in US App. 10/984,450, allowed, Examiner Fortuna	
	VV	Claims pending on May 29, 2009 in US Appln. No. 10/984,450	
	VW	Office Actions, Notices of Allowability issued 8/21 & 1/9/08,4/11/07,9/20/06, 12/19&3/30/05,4/21/04 10/16/03 in US 10/037,480, granted as US Patent 7,459,171, Examiner Fortuna	
	VX	Bibliographic page and granted claims of US Patent No. 7,459,171	
	VY	Office Actions issued Oct 19, 2005, Feb 2, 2005, May 27, 2004 (Advisory), Nov 4, 2003, June 17, 2003, Nov 29, 2002, in US App. 09/887,493, granted (US 7,175,850), Examiner Coe	
	VZ	Notice of Allowability dated Sep 12, 2006 in US App. 09/887,493, and bibliographic page and granted claims of US Patent No. 7,175,850	
	WA	Office Action issued October 23, 2008 in US App. 11/638,091, currently pending, Examiner Coe	
	WB	Claims pending on October 23, 2008 in US Appln. No. 11/638,091	
		(continued next page)	

Examiner Signature		Date Considered	
--------------------	--	-----------------	--

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional). ² Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /BG/

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Sheet

7

of

7

Complete if Known

Application Number	09/890,335
Filing Date	07/26/2001
First Named Inventor	Cevc
Art Unit	1645
Examiner Name	B.J. Gangle
Attorney Docket Number	

NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
	wc	International Search Report issued in counterpart PCT Application No. PCT/EP00/00597 (published as WO 00/44349)	
	WD	International Preliminary Examination Report issued in counterpart PCT Application No. PCT/EP00/00597 (published as WO 00/44349)	
	WE	Partial European Search Report issued in counterpart European Appln. No. 991014879.6 (granted as EPO Patent No. 1 031 346 B1)	
	WF	Examination Reports issued in counterpart European Appln. No. 99101479.6 (granted as EPO Patent No. 1 031 346 B1)	
	WG	Bibliographic page and English language claims of granted counterpart EPO Patent No. 1 031 346 B1 (counterpart European Appln. No. 99101479)	
	WH	"Itching" (2006) From Merck Manual Home Edition Online: www.merck.com/mmhe/pring/sec18/ch203/ch203b.html	
	WI	Paul et al., "Transdermal immunisation with an integral membrane component, gap junction protein...." Vaccine 16(2-3):188-195 (1998)	

Examiner Signature	/Brian Gangle/	Date Considered	07/25/2009
--------------------	----------------	-----------------	------------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹Applicant's unique citation designation number (optional). ²Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /BG/